

Patent claims

1. Cowshed arrangement with a central region (1) and with bedding areas (3) which are arranged around the central region (1) as well as with a milking area (4), characterized by the fact that at least one milking area (4) extends essentially in a radial direction.
2. Cowshed arrangement according to Claim 1, characterized by the fact that the milking area (4) has at least one automatic milking system.
3. Cowshed arrangement according to Claim 1, characterized by the fact that the milking area (4) has at least one passage.
4. Cowshed arrangement according to Claim 3, characterized by the fact that the passage has at least one gate which is opened and closed automatically.
5. Cowshed arrangement according to one of Claims 1 to 4, characterized by at least one selection sector 7.
6. Cowshed arrangement according to one or several of the previous claims, characterized by the fact that at least one identification device is provided, which is intended for the identification of individual animals.
7. Cowshed arrangement according to Claim 6, characterized by the fact that at least one milking area (4) and/or passage and/or the selection sector (7) has at least one identification device.
8. Cowshed arrangement according to one of Claims 1 to 7, characterized by the fact that this has at least one gangway (8) extending essentially in the peripheral direction.
9. Cowshed arrangement according to one of Claims 1 to 8, characterized by the fact that this has a pathway (9) extending essentially in the radial direction which preferably connects two gangways (8).

10. Cowshed arrangement according to one of Claims 1 to 9, characterized by the fact that at least one feeding area is provided, which is arranged, for example, between two neighboring bedding areas (3) or in the edge region (11) of the cowshed arrangement, whereby the feeding area preferably has an automatic feed dispensing device.
11. Cowshed arrangement according to at least one of Claims 1 to 10, characterized by the fact that a waiting area is provided before the milking area.
12. Cowshed arrangement according to one of Claims 1 to 11, characterized by the fact that a driving device (10) is provided.
13. Cowshed arrangement according to Claim 12, characterized by the fact that at least one milking area (4) and the driving device (10) can be moved relative to one another.
14. Cowshed arrangement according to Claim 13, characterized by the fact that at least one milking area (4) is in a fixed location and the driving device (10) is movable, or that at least one milking area (4) can be moved and the driving device (10) is in a fixed location.
15. Cowshed arrangement according to Claim 14, characterized by the fact that the driving device (10) has at least one driving unit (12, 13, 17) which can be moved around the central region (1) in the peripheral direction, especially it is rotatable whereby the driving unit (12, 13, 17) is preferably guided in at least one guide.
16. Cowshed arrangement according to one of Claims 12 to 15, characterized by the fact that the driving device (10) has at least one, especially controllable driving unit.
17. Cowshed arrangement according to one of Claims 12 to 16, characterized by the fact that the driving device (01) (translator's note: should be 10) and/or at least one milking area (4) is or are designed in such a way that the driving device (10) and at least one milking area (4) can be moved past one another.
18. Cowshed arrangement according to one of Claims 1 to 17, characterized by the fact that a cleaning device is provided which is preferably automatic.

19. Cowshed arrangement according to Claim 18, characterized by the fact that the cleaning device has at least one rotating cleaning unit.
20. Cowshed arrangement according to Claim 18 or 19, characterized by the fact that the cleaning device has at least one sweeper.
21. Cowshed arrangement according to Claim 20, characterized by the fact that the cleaning unit and the sweeper are arranged with respect to one another in such a way that the sweeper picks up the dirt loosened by the cleaning unit.
22. Cowshed arrangement according to one of Claims 18 to 21, characterized by the fact that a transport device is provided with which the dirt is carried away.
23. Cowshed arrangement according to one of Claims 18 to 22, characterized by the fact that the cleaning device and the driving device form one structural unit.
24. Cowshed arrangement according to one of Claims 1 to 23, characterized by the fact that a preferably automatic littering device is provided for distributing the litter.
25. Cowshed arrangement according to Claim 24, characterized by the fact that the littering device is coupled to the driving device.
26. Cowshed arrangement according to one of Claims 1 to 5, characterized by the fact that a control and/or regulating unit is provided.
27. Cowshed arrangement according to one of Claims 1 to 26, characterized by the fact that the bedding areas (3) are on the imagined side of at least one preferably equilateral polygon.
28. Cowshed arrangement according to one of Claims 1 to 26, characterized by the fact that the bedding areas (3) are arranged essentially concentrically to the central region (1).
29. Cowshed arrangement according to one of Claims 1 to 28, characterized by the fact that at least the bedding areas are provided on two levels.

30. Cowshed arrangement according to one of Claims 1 to 29, characterized by the fact that this has a high-pitched roof.
31. Cowshed unit comprising at least two cowshed arrangements according to one of Claims 1 to 30, whereby the cowshed arrangements are arranged in a honeycomb pattern.
32. Cowshed unit according to Claim 31, characterized by the fact that at least two cowshed arrangements have a common milking chamber (5).